

STIC-EIC1600/2900

263424

From: COURTNEY BROWN [courtney.brown@uspto.gov]
 Sent: Friday, June 13, 2008 12:42 AM
 To: STIC-EIC1600/2900
 Cc: NPL Feedback
 Subject: Database Search Request, Serial Number: 10584489

LB

Requester: COURTNEY BROWN (P/1616)
 Ass. Unit: P/1616
 Employee Number: [REDACTED]
 Office Location: RSM 04559
 Phone Number: (571)370-3284
 Mailbox Number:

Case serial number: 10584489
 Class / Subclass(es): 504/215
 Earliest Priority Filing Date: 5/12/2004
 Format preferred for results:
 Attachment: No
 Search Topic information:

Please search the compound as defined in claim 13. Thanks
 Special Instructions and Other Comments:

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 10:42 AM

 SEARCHER: _____
 SEARCHER PHONE: _____
 DATE SEARCHER PICKED UP: _____
 DATE COMPLETED: _____
 SEARCHER SIGNATURE: _____
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 TYPE OF SEARCH
 NO. OF: _____
 S/D: _____
 CLASSIFICATION: _____
 STRUCTURE: _____
 TEXT: _____
 OTHER: _____

 SEARCHER/COST WHEN APPLICABLE
 NO. OF: _____
 CLASS: _____
 CREATED/DATE: _____
 REVISIONS: _____
 SEARCHER SYSTEM: _____
 SEARCHER: _____
 OTHER (Specify): _____

=> fil cap

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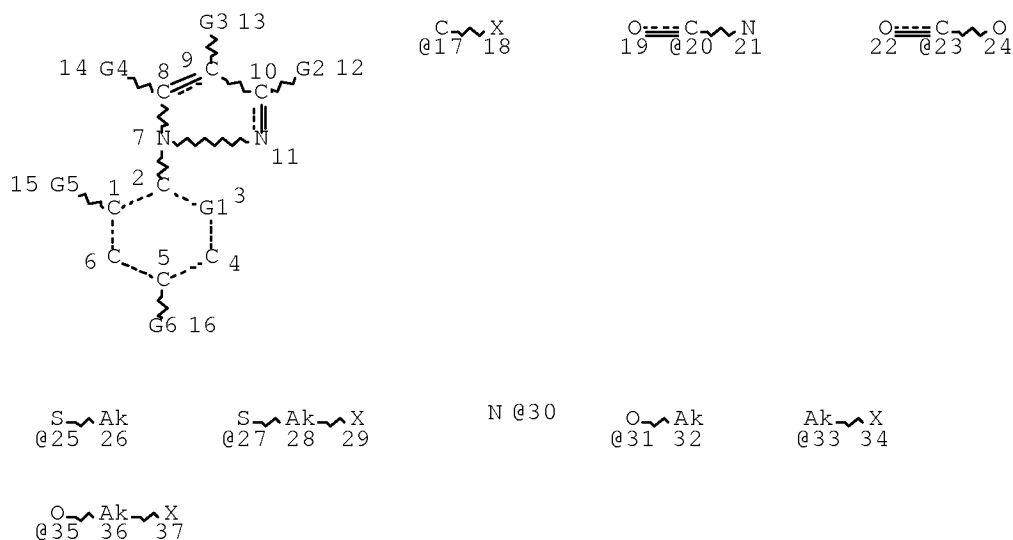
FILE COVERS 1907 - 18 Jun 2008 VOL 148 ISS 25
FILE LAST UPDATED: 17 Jun 2008 (20080617/ED)

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=> d que l17

L1 STR



VAR G1=17/N
VAR G2=20/23
VAR G3=H/25/27
VAR G4=30/X/OH/31
VAR G5=H/X
VAR G6=33/35
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NSPEC IS RC AT 21
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CONNECT IS E2 RC AT 4
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DEFAULT ECLEVEL IS LIMITED

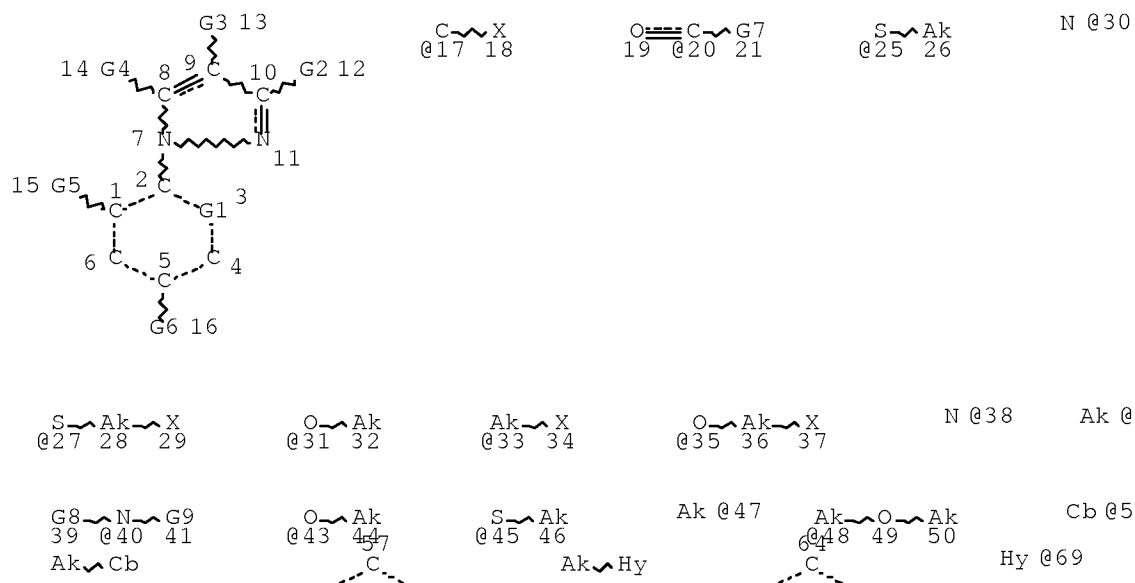
GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 37

STEREO ATTRIBUTES: NONE

L3 99 SEA FILE=REGISTRY SSS FUL L1

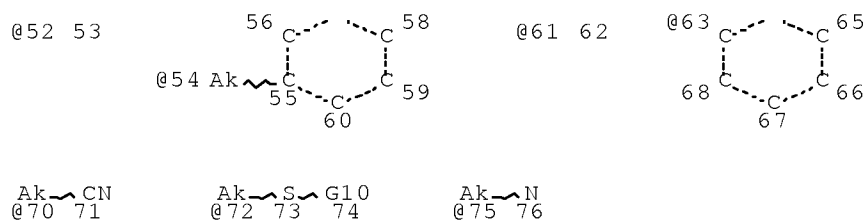
L14 STR



Page 1-A

2

Page 1-B



Page 2-A

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VAR G3=H/25/27
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VAR G5=H/X
VAR G6=33/35
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VAR G9=47/33/48/51/52/43/45/54/63/61/69/70/75/72
VAR G10=33/47

NODE ATTRIBUTES:

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DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RSPEC 56 63
NUMBER OF NODES IS 73

STEREO ATTRIBUTES: NONE

L16 46 SEA FILE=REGISTRY SUB=L3 SSS FUL L14
L17 7 SEA FILE=CAPLUS ABB=ON PLU=ON L16

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FILE LAST UPDATED: 17 JUN 2008 <20080617/UP>
MOST RECENT THOMSON SCIENTIFIC UPDATE: 200838 <200838/DW>
DERWENT WORLD PATENTS INDEX SUBSCRIBER FILE, COVERS 1963 TO DATE
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ECLA reclassifications to April and US national classifications to the end of January 2008 have also been loaded. Update dates 20080401/UPEC and /UPNC have been assigned to these. <<<

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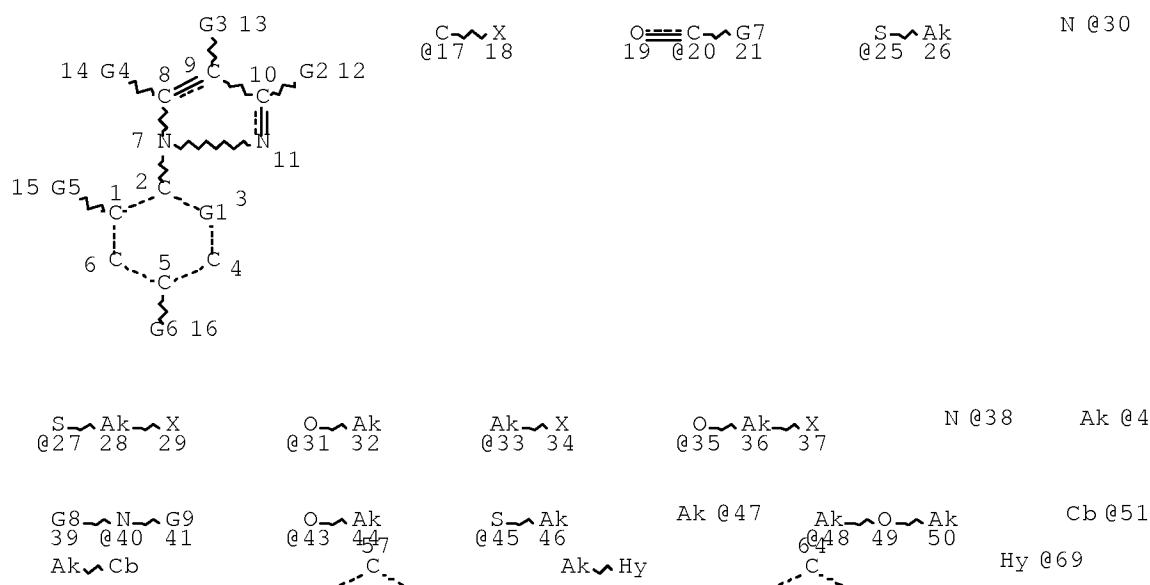
http://www.stn-international.com/archive/presentations/DWPIAnaVist2_0710.pdf

>>> HELP for European Patent Classifications see HELP ECLA, HELP ICO <<<

>>> Please note that the COPYRIGHT notification has changed <<<

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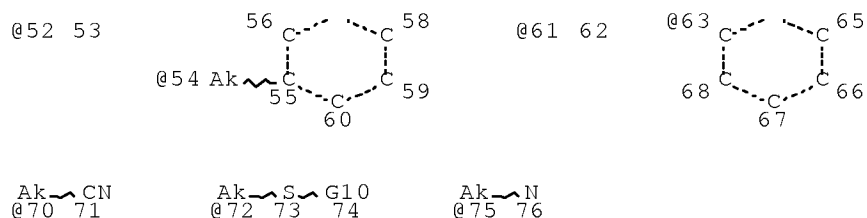
L14 STR



Page 1-A

2

Page 1-B



Page 2-A

VAR G1=17/N
VAR G2=20/COOH
VAR G3=H/25/27
VAR G4=30/X/OH/31
VAR G5=H/X
VAR G6=33/35
VAR G7=38/40
VAR G8=H/42
VAR G9=47/33/48/51/52/43/45/54/63/61/69/70/75/72
VAR G10=33/47
NODE ATTRIBUTES:
NSPEC IS RC AT 30
NSPEC IS R AT 38
NSPEC IS RC AT 76
CONNECT IS E2 RC AT 4
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DEFAULT MLEVEL IS ATOM
GGCAT IS SAT AT 51
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GRAPH ATTRIBUTES:
RSPEC 56 63
NUMBER OF NODES IS 73

STEREO ATTRIBUTES: NONE
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L20 2 SEA FILE=WPIX ABB=ON PLU=ON L19/DCR

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PROCESSING COMPLETED FOR L17

PROCESSING COMPLETED FOR L20

L21 7 DUP REM L17 L20 (2 DUPLICATES REMOVED)

ANSWERS '1-7' FROM FILE CAPLUS

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L21 ANSWER 1 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN DUPLICATE 1

ACCESSION NUMBER: 2005:612018 CAPLUS Full-text

DOCUMENT NUMBER: 143:92535

TITLE: Preparation of 1-phenylpyrazole-3-carboxylic acid derivatives as plant growth regulators

INVENTOR(S): Bastiaans, Henricus M. M.; Donn, Guenter; Knittel, Nathalie; Martelletti, Arianna; Rees, Richard; Schwall, Michael

PATENT ASSIGNEE(S): Bayer Cropscience G.m.b.H., Germany

SOURCE: PCT Int. Appl., 99 pp.

CODEN: PIXXD2

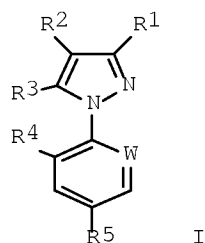
DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005063020	A1	20050714	WO 2004-EP14272	20041215
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1550370	A1	20050706	EP 2003-29847	20031224
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CA 2550894	A1	20050714	CA 2004-2550894	20041215
EP 1699291	A1	20060913	EP 2004-803892	20041215
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BR 2004018192	A	20070619	BR 2004-18192	20041215
JP 2007516990	T	20070628	JP 2006-545993	20041215
US 20070149406	A1	20070628	US 2006-584489	20060622
MX 2006PA07384	A	20060809	MX 2006-PA7384	20060623
IN 2006CN02342	A	20070706	IN 2006-CN2342	20060626
PRIORITY APPLN. INFO.:			EP 2003-29847	A 20031224
			EP 2004-11252	A 20040512
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OTHER SOURCE(S):			CASREACT 143:92535; MARPAT 143:92535	
GI				



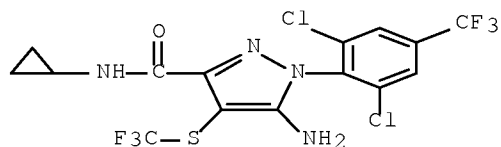
AB The 5-substituted-1-arylpyrazole-3-carboxylic acid derivs. I [R1 = CONR6R7 or CO2R8; W = C-halo or N; R2 = H or SOnR9; R3 = NR10R11, halo, OH, alkoxy, alkenyloxy or alkynyloxy; R4 = H or halo; R5 = haloalkyl or haloalkoxy; R6 = H, (halo)alkyl, alkoxyalkyl, etc.; R7 = H, alkyl, alkenyl, alkynyl; R6NR7 = ring; R8 = R7 or (CH2)nR12; R9 = (halo)alkyl; R10, R11 = H, (halo)alkyl, (halo)alkenyl, etc.; R10NR11 = ring; R12 = (un)substituted Ph, etc.; m = 0, 1 or 2; n = 0, 1-4] are prepared as plant growth regulators.

IT 855999-40-5P 855999-41-6P 855999-42-7P
 855999-43-8P 855999-44-9P 855999-45-0P
 855999-46-1P 855999-47-2P 855999-48-3P
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 855999-89-2P 855999-93-8P

RL: AGR (Agricultural use); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (preparation as plant growth regulator)

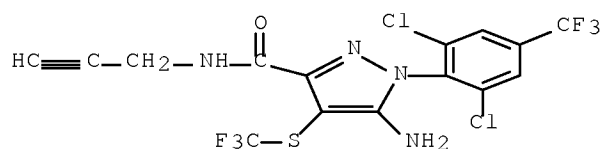
RN 855999-40-5 CAPLUS

CN 1H-Pyrazole-3-carboxamide, 5-amino-N-cyclopropyl-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[(trifluoromethyl)thio]- (CA INDEX NAME)



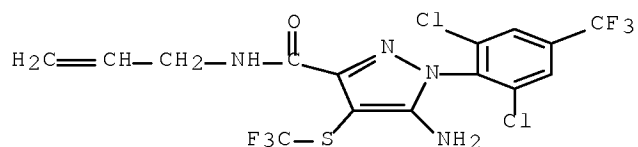
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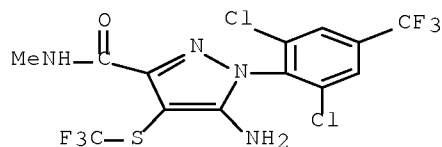
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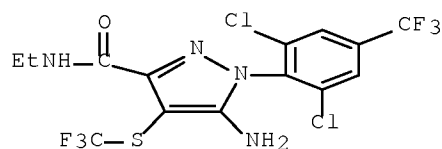
RN 855999-43-8 CAPLUS

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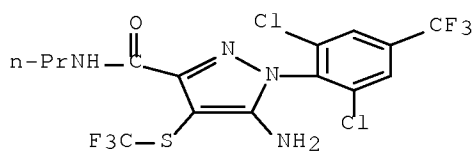
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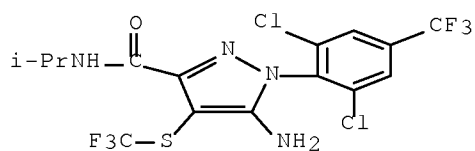
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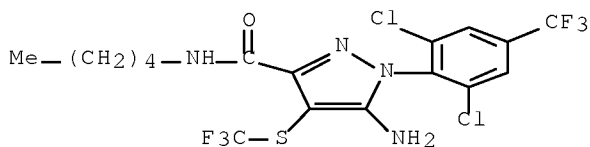
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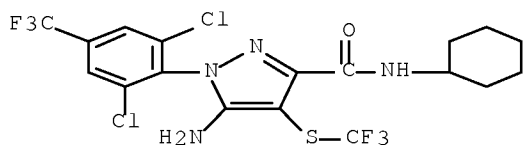
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RN 855999-48-3 CAPLUS

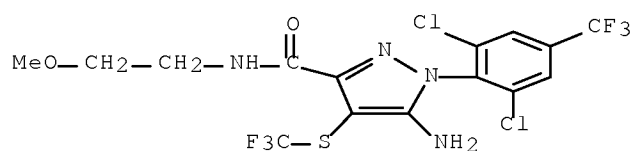
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RN 855999-49-4 CAPLUS

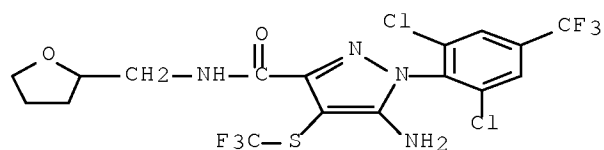
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(CA INDEX NAME)



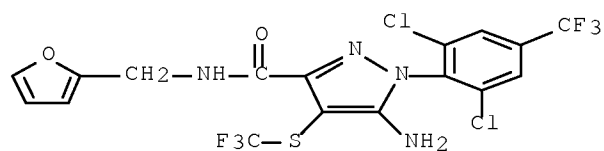
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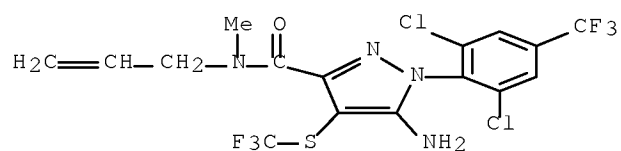
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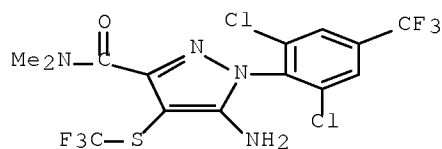
RN 855999-52-9 CAPLUS

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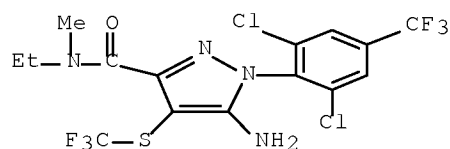
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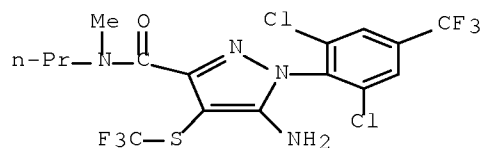
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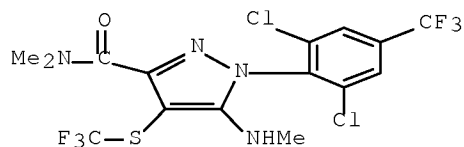
RN 855999-55-2 CAPLUS

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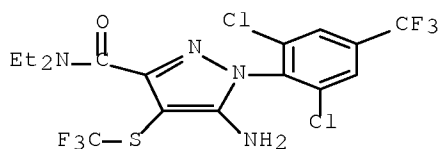
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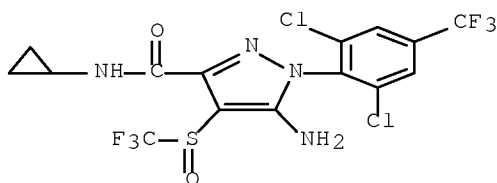
RN 855999-58-5 CAPLUS

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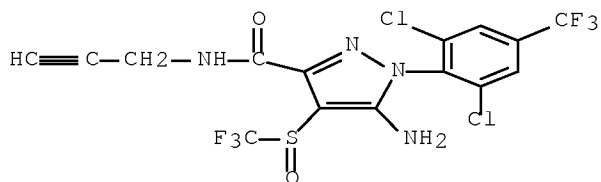
RN 855999-59-6 CAPLUS

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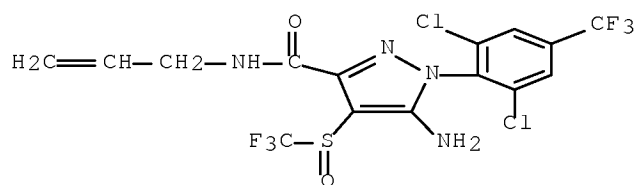
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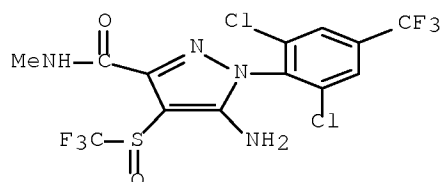
RN 855999-61-0 CAPLUS

CN 1H-Pyrazole-3-carboxamide, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-N-2-propen-1-yl-4-[(trifluoromethyl)sulfinyl]- (CA INDEX NAME)



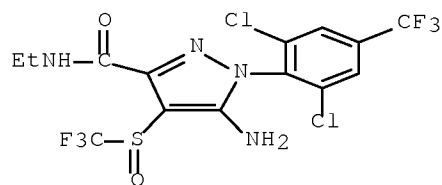
RN 855999-62-1 CAPLUS

CN 1H-Pyrazole-3-carboxamide, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-N-methyl-4-[(trifluoromethyl)sulfinyl]- (CA INDEX NAME)



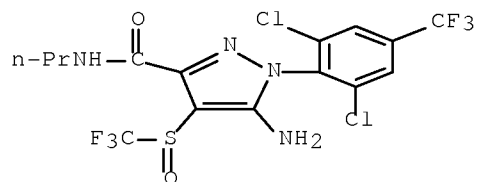
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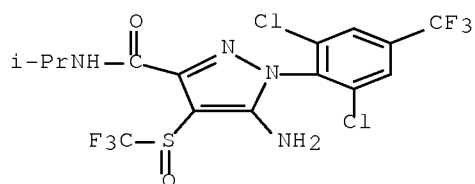
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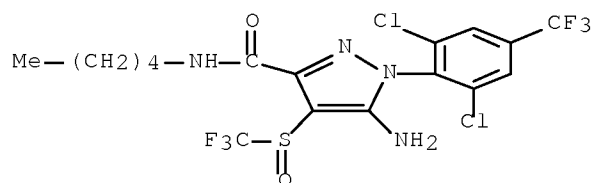
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CN 1H-Pyrazole-3-carboxamide, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-N-(1-methylethyl)-4-[(trifluoromethyl)sulfinyl]-
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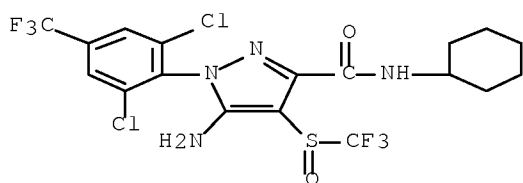
RN 855999-67-6 CAPLUS

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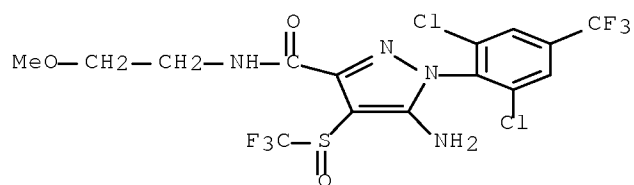
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CN 1H-Pyrazole-3-carboxamide, 5-amino-N-cyclohexyl-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[(trifluoromethyl)sulfinyl]-
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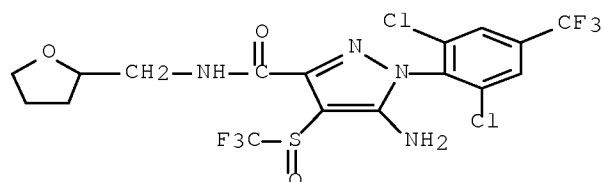
RN 855999-69-8 CAPLUS

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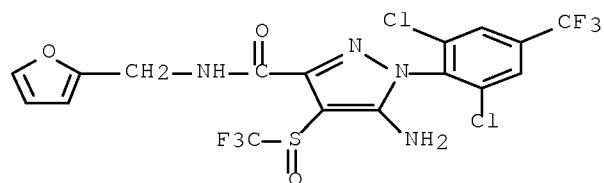
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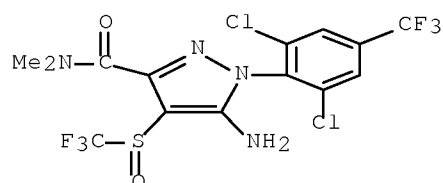
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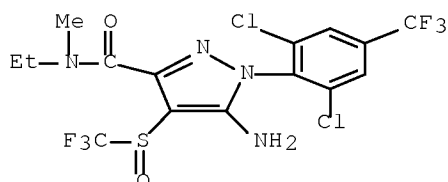
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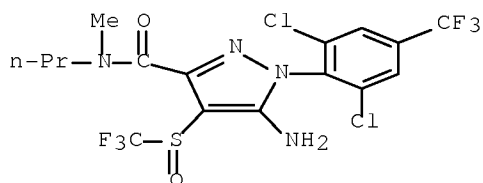
RN 855999-73-4 CAPLUS

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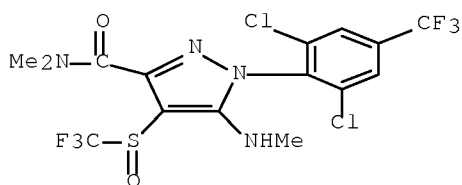
RN 855999-74-5 CAPLUS

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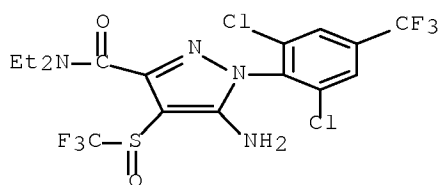
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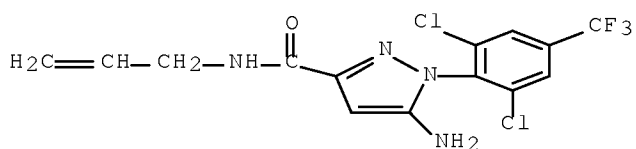
RN 855999-77-8 CAPLUS

CN 1H-Pyrazole-3-carboxamide, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-N,N-diethyl-4-[(trifluoromethyl)sulfinyl]-(CA INDEX NAME)



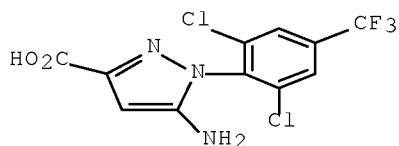
RN 855999-79-0 CAPLUS

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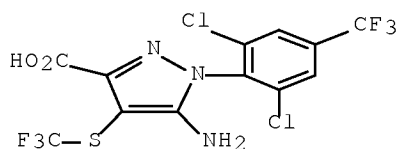
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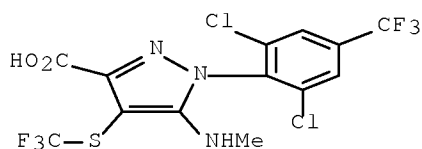
RN 855999-84-7 CAPLUS

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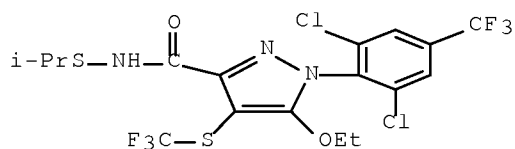
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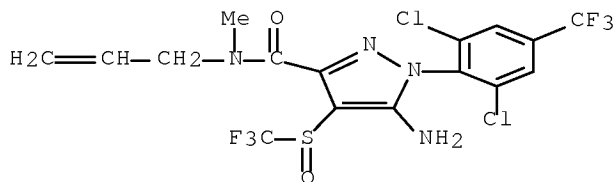
RN 855999-89-2 CAPLUS

CN 1H-Pyrazole-3-carboxamide, 1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-5-ethoxy-N-[(1-methylethyl)thio]-4-[(trifluoromethyl)thio]- (CA INDEX NAME)



RN 855999-93-8 CAPLUS

CN 1H-Pyrazole-3-carboxamide, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-N-methyl-N-2-propen-1-yl-4-[(trifluoromethyl)sulfinyl]- (CA INDEX NAME)



REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN DUPLICATE 2

ACCESSION NUMBER: 2005:582481 CAPLUS Full-text

DOCUMENT NUMBER: 143:73265

TITLE: Preparation of arylpyrazolrcarboxylic acid derivatives as plant growth regulators

INVENTOR(S): Bastiaans, Henricus M. M.; Donn, Guenter; Knittel, Nathalie; Martelletti, Arianna; Rees, Richard; Schwall, Michael

PATENT ASSIGNEE(S): Bayer CropScience G.m.b.H., Germany

SOURCE: Eur. Pat. Appl., 71 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

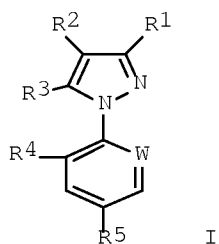
LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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EP 1550370	A1	20050706	EP 2003-29847	20031224
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
AU 2004308080	A1	20050714	AU 2004-308080	20041215
CA 2550894	A1	20050714	CA 2004-2550894	20041215
WO 2005063020	A1	20050714	WO 2004-EP14272	20041215
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
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EP 1699291	A1	20060913	EP 2004-803892	20041215
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CN 1897813	A	20070117	CN 2004-80038726	20041215
BR 2004018192	A	20070619	BR 2004-18192	20041215
JP 2007516990	T	20070628	JP 2006-545993	20041215
US 20070149406	A1	20070628	US 2006-584489	20060622
MX 2006PA07384	A	20060809	MX 2006-PA7384	20060623
IN 2006CN02342	A	20070706	IN 2006-CN2342	20060626
PRIORITY APPLN. INFO.:			EP 2003-29847	A 20031224
			EP 2004-11252	A 20040512
			WO 2004-EP14272	W 20041215
OTHER SOURCE(S):	MARPAT 143:73265			
GI				



AB The 5-substituted-1-arylpyrazole-3-carboxylic acid derivs. I [W = C-halo or N; R1 = CONR6R7 or CO2R8; R2 = H or SOmR9; R3 = halo, OH, alkoxy, etc.; R4 = H or halo; R5 = haloalkyl or haloalkoxy; R6 = H, (halo)alkyl, alkoxy, etc.; R7 = H, alkyl, alkenyl, alkynyl; R6NR7 = heterocyclyl; R8 = H, (hal)alkyl, etc.; R9 = (halo)alkyl; m = 0, 1 or 2] are prepared as plant growth regulators.

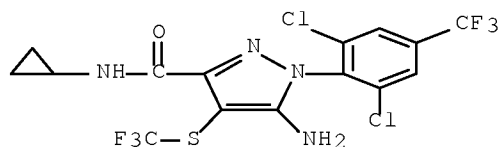
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 855999-89-2P 855999-93-8P

RL: AGR (Agricultural use); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (preparation as plant growth regulator)

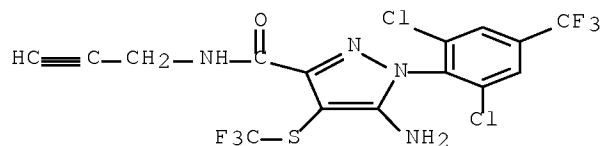
RN 855999-40-5 CAPLUS

CN 1H-Pyrazole-3-carboxamide, 5-amino-N-cyclopropyl-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[(trifluoromethyl)thio]- (CA INDEX NAME)



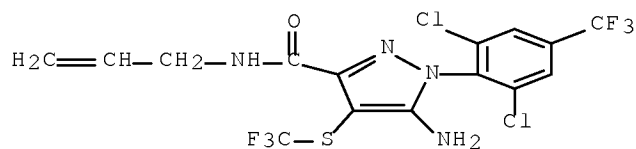
RN 855999-41-6 CAPLUS

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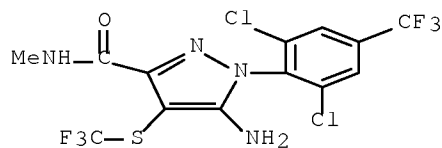
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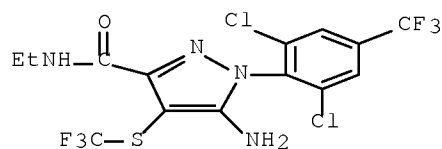
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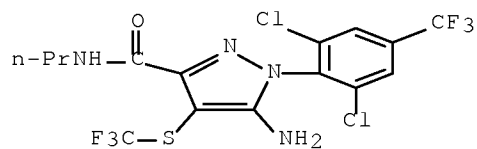
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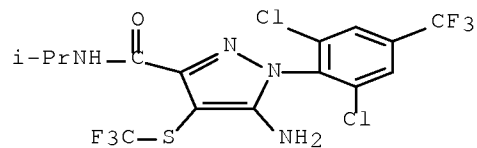
RN 855999-45-0 CAPLUS

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RN 855999-46-1 CAPLUS

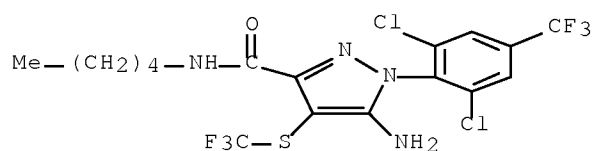
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RN 855999-47-2 CAPLUS

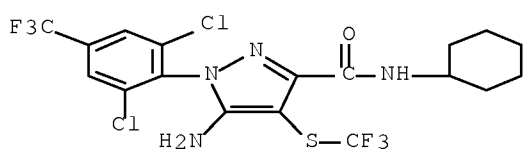
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NAME)



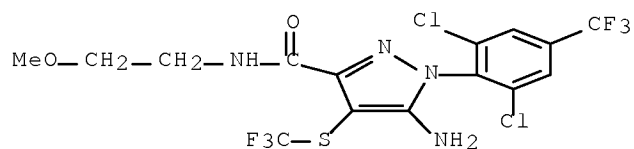
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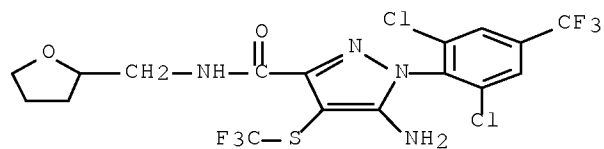
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RN 855999-50-7 CAPLUS

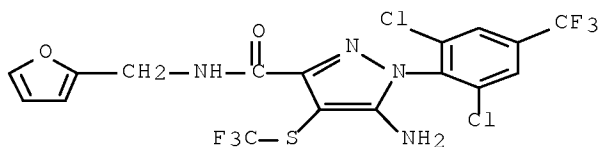
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RN 855999-51-8 CAPLUS

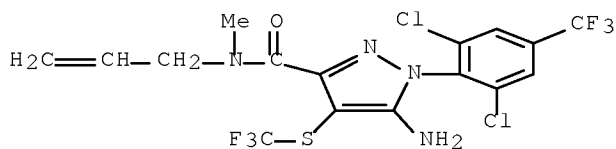
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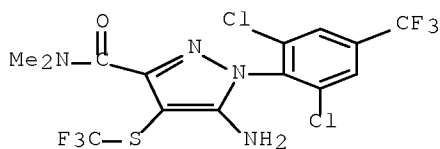
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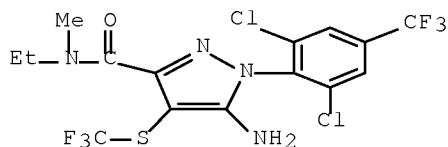
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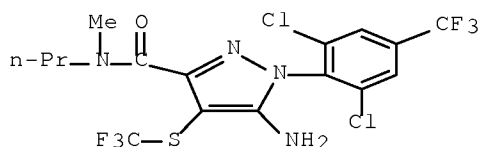
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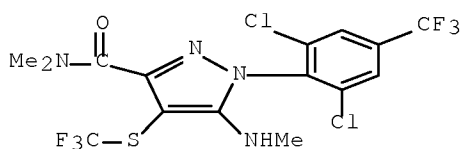
RN 855999-55-2 CAPLUS

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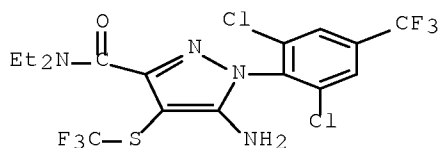
RN 855999-57-4 CAPLUS

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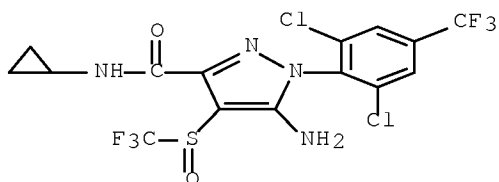
RN 855999-58-5 CAPLUS

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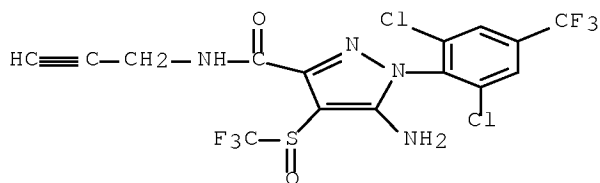
RN 855999-59-6 CAPLUS

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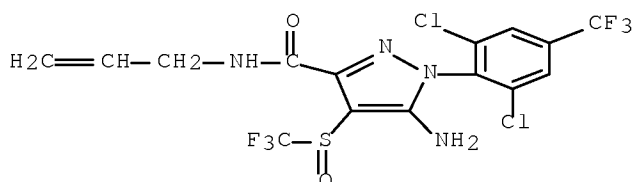
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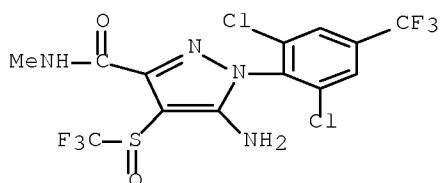
RN 855999-61-0 CAPLUS

CN 1H-Pyrazole-3-carboxamide, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-N-2-propen-1-yl-4-[(trifluoromethyl)sulfinyl]-
(CA INDEX NAME)



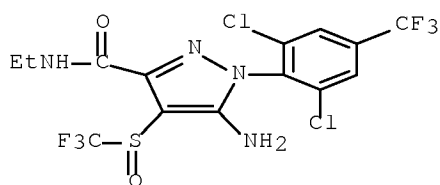
RN 855999-62-1 CAPLUS

CN 1H-Pyrazole-3-carboxamide, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-N-methyl-4-[(trifluoromethyl)sulfinyl]- (CA INDEX NAME)



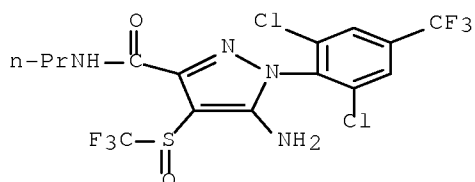
RN 855999-63-2 CAPLUS

CN 1H-Pyrazole-3-carboxamide, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-N-ethyl-4-[(trifluoromethyl)sulfinyl]- (CA INDEX NAME)



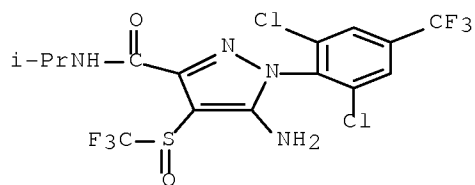
RN 855999-64-3 CAPLUS

CN 1H-Pyrazole-3-carboxamide, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-N-propyl-4-[(trifluoromethyl)sulfinyl]- (CA INDEX NAME)



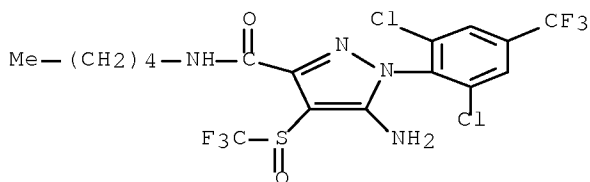
RN 855999-65-4 CAPLUS

CN 1H-Pyrazole-3-carboxamide, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-N-(1-methylethyl)-4-[(trifluoromethyl)sulfinyl]- (CA INDEX NAME)



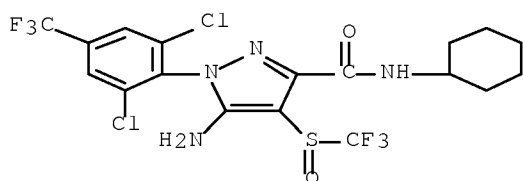
RN 855999-67-6 CAPLUS

CN 1H-Pyrazole-3-carboxamide, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-N-pentyl-4-[(trifluoromethyl)sulfinyl]- (CA INDEX NAME)



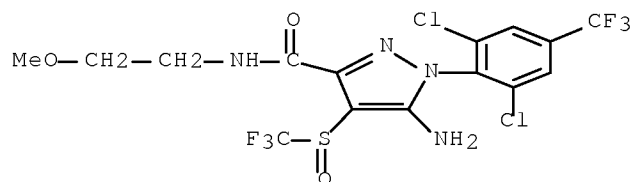
RN 855999-68-7 CAPLUS

CN 1H-Pyrazole-3-carboxamide, 5-amino-N-cyclohexyl-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[(trifluoromethyl)sulfinyl]- (CA INDEX NAME)



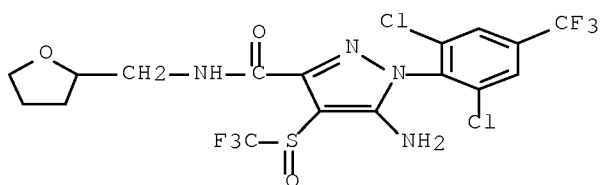
RN 855999-69-8 CAPLUS

CN 1H-Pyrazole-3-carboxamide, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-N-(2-methoxyethyl)-4-[(trifluoromethyl)sulfinyl]- (CA INDEX NAME)



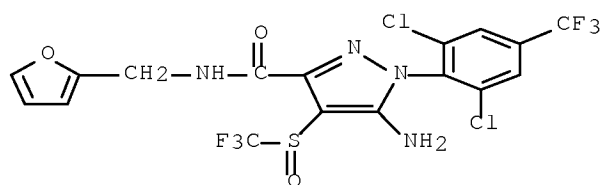
RN 855999-70-1 CAPLUS

CN 1H-Pyrazole-3-carboxamide, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-N-[(tetrahydro-2-furanyl)methyl]-4-[(trifluoromethyl)sulfinyl]- (CA INDEX NAME)



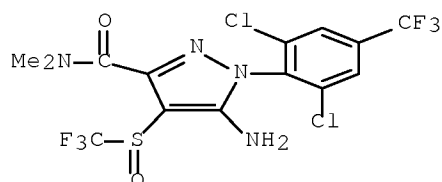
RN 855999-71-2 CAPLUS

CN 1H-Pyrazole-3-carboxamide, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-N-(2-furanylmethyl)-4-[(trifluoromethyl)sulfinyl]- (CA INDEX NAME)



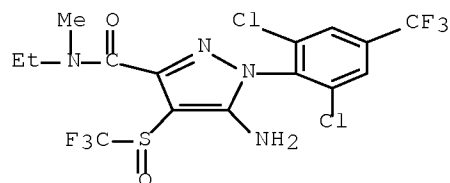
RN 855999-72-3 CAPLUS

CN 1H-Pyrazole-3-carboxamide, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-N,N-dimethyl-4-[(trifluoromethyl)sulfinyl]- (CA INDEX NAME)



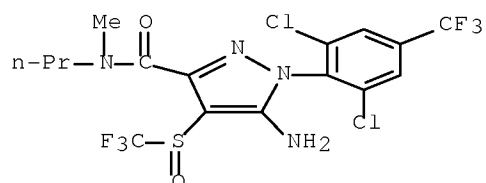
RN 855999-73-4 CAPLUS

CN 1H-Pyrazole-3-carboxamide, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-N-ethyl-N-methyl-4-[(trifluoromethyl)sulfinyl]- (CA INDEX NAME)



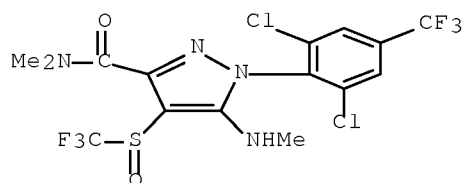
RN 855999-74-5 CAPLUS

CN 1H-Pyrazole-3-carboxamide, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-N-methyl-N-propyl-4-[(trifluoromethyl)sulfinyl]- (CA INDEX NAME)



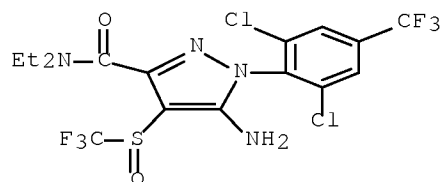
RN 855999-76-7 CAPLUS

CN 1H-Pyrazole-3-carboxamide, 1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-N,N-dimethyl-5-(methylamino)-4-[(trifluoromethyl)sulfinyl]- (CA INDEX NAME)



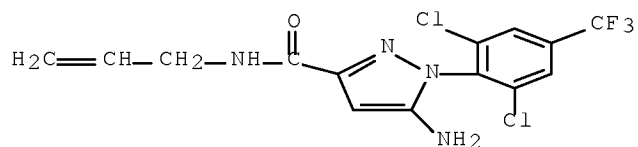
RN 855999-77-8 CAPLUS

CN 1H-Pyrazole-3-carboxamide, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-N,N-diethyl-4-[(trifluoromethyl)sulfinyl]- (CA INDEX NAME)



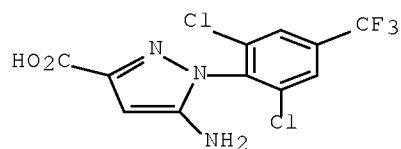
RN 855999-79-0 CAPLUS

CN 1H-Pyrazole-3-carboxamide, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-N-2-propen-1-yl- (CA INDEX NAME)



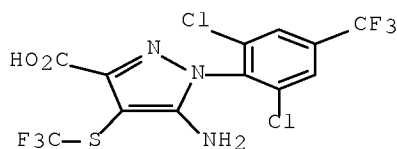
RN 855999-83-6 CAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]- (CA INDEX NAME)



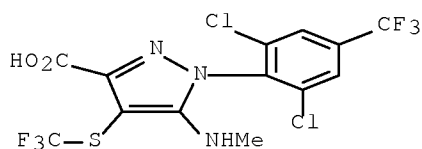
RN 855999-84-7 CAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[(trifluoromethyl)thio]- (CA INDEX NAME)



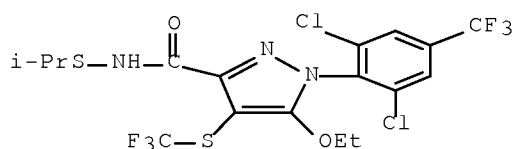
RN 855999-85-8 CAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-5-(methylamino)-4-[(trifluoromethyl)thio]- (CA INDEX NAME)



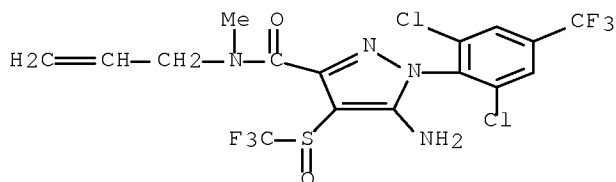
RN 855999-89-2 CAPLUS

CN 1H-Pyrazole-3-carboxamide, 1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-5-ethoxy-N-[(1-methylethyl)thio]-4-[(trifluoromethyl)thio]- (CA INDEX NAME)



RN 855999-93-8 CAPLUS

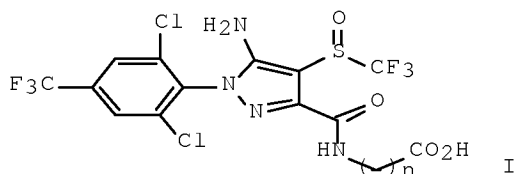
CN 1H-Pyrazole-3-carboxamide, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-N-methyl-N-2-propen-1-yl-4-[(trifluoromethyl)sulfinyl]- (CA INDEX NAME)



REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L21 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 2008:51760 CAPLUS Full-text
 DOCUMENT NUMBER: 148:215041
 TITLE: Preparation of pyrazole derivatives as haptens for immunological analysis of Fipronil
 INVENTOR(S): Wang, Chunmei; Cheng, Jingli; Jin, Maojun; Zhu, Guonian
 PATENT ASSIGNEE(S): Zhejiang University, Peop. Rep. China
 SOURCE: Faming Zhuanli Shenqing Gongkai Shuomingshu, 13pp.
 CODEN: CNXXEV
 DOCUMENT TYPE: Patent
 LANGUAGE: Chinese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	----	-----	-----	-----
CN 101100457	A	20080109	CN 2007-10070229	20070726
PRIORITY APPLN. INFO.:			CN 2007-10070229	20070726
GI				



AB The title pyrazole derivs. I [wherein n = 1-5] were prepared as haptens for immunol. anal. of residual Fipronil. For example, Fipronil was hydrolyzed in the presence of 85% sulfuric acid to obtain carboxylic acid, followed by treatment with thionyl chloride and reaction with 4-aminobutanoic acid to give I (n = 3). The protein bonded I showed min. Fipronil detection sensitivity of 4.8 µg/L.

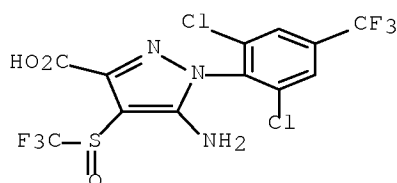
IT 385765-64-0P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of pyrazole derivs. as haptens for immunol. anal. of Fipronil)

RN 385765-64-0 CAPLUS

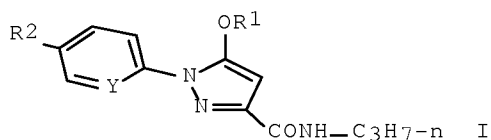
CN 1H-Pyrazole-3-carboxylic acid, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[(trifluoromethyl)sulfinyl]- (CA INDEX NAME)



L21 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 2000:232593 CAPLUS Full-text
 DOCUMENT NUMBER: 132:261661
 TITLE: 5-Alkoxy-pyrazole-3-carboxamides and agrochemicals
 containing them
 INVENTOR(S): Okada, Itaru; Tomita, Hirofumi
 PATENT ASSIGNEE(S): Mitsubishi Chemical Industries Ltd., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 8 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2000103784	A	20000411	JP 1998-277584	19980930
PRIORITY APPLN. INFO.:			JP 1998-277584	19980930
OTHER SOURCE(S):	MARPAT 132:261661			

GI

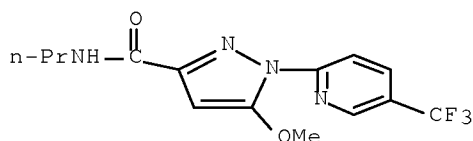


AB The compds. I (R1 = C1-4 alkyl, aryl, C1-4 haloalkyl; R2 = halo, C1-4 alkyl, NO2, cyano, CF3; Y = CH, N) are claimed. Agrochems., especially fungicides, containing I as active ingredients are also claimed. I show higher pesticidal activity against fungi resistant to conventional agricultural fungicides and decreased residual toxicity. An emulsion of N-n-propyl-1-(4-bromophenyl)-5-methoxypyrazole-3-carboxamide (preparation given) at 500 ppm completely prevented rice seedlings from blast upon inoculation with Magnaporthe grisea (or Pyricularia oryzae).

IT 263238-04-6P
 RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); PNU (Preparation, unclassified); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (preparation of 5-alkoxy-pyrazole-3-carboxamides as agrochems. especially agricultural fungicides)

RN 263238-04-6 CAPLUS

CN 1H-Pyrazole-3-carboxamide, 5-methoxy-N-propyl-1-[5-(trifluoromethyl)-2-pyridinyl]- (CA INDEX NAME)



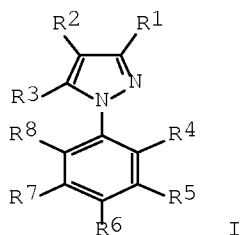
L21 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 1994:298625 CAPLUS Full-text
 DOCUMENT NUMBER: 120:298625
 ORIGINAL REFERENCE NO.: 120:52629a,52632a
 TITLE: Preparation of phenylpyrazoles as arthropodicides, nematocides, protozoacides, and anthelmintics
 INVENTOR(S): Hatton, Leslie R.; Buntain, Ian G.; Hawkins, David W.; Parnell, Edgar W.; Pearson, Christopher J.
 PATENT ASSIGNEE(S): UK
 SOURCE: U.S., 76 pp. Cont.-in-part of U.S. Ser. No. 445,153, abandoned.
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 4
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5232940	A	19930803	US 1990-520290	19900507
IL 86493	A	19921115	IL 1988-86493	19880525
IL 105138	A	19940826	IL 1988-105138	19880525
HU 210668	B	19950628	HU 1991-1577	19880610
US 5547974	A	19960820	US 1993-57669	19930505
FI 9501839	A	19950418	FI 1995-1839	19950418
FI 114153	B1	20040831		
US 5608077	A	19970304	US 1995-454412	19950530
US 5714191	A	19980203	US 1995-453087	19950530
US 5916618	A	19990629	US 1997-947056	19971007
HK 1021820	A1	20060602	HK 2000-100317	19980318
US 6372774	B1	20020416	US 1999-354903	19990716
DK 2002001527	A	20021010	DK 2002-1527	20021010
DK 175878	B1	20050517		
PRIORITY APPLN. INFO.:			GB 1985-31485	A 19851220
			US 1986-943132	B1 19861218
			GB 1987-13768	A 19870612
			GB 1987-13769	A 19870612
			US 1988-205238	B1 19880610
			US 1988-205299	B1 19880610
			US 1989-380333	B1 19890717
			US 1989-413134	B1 19890927
			US 1989-445153	B2 19891205
			IL 1986-81025	A 19861218
			IL 1988-86492	A 19880525
			DK 1988-3140	L 19880609
			FI 1988-2735	A 19880609
			HU 1988-3009	A 19880610
			US 1990-520290	A3 19900507
			US 1993-57669	A3 19930505
			US 1995-453087	A1 19950530

US 1996-652921
 US 1997-855876
 HK 1998-102258
 US 1998-137313

B1 19960524
 B3 19970512
 A 19980318
 B3 19980821

OTHER SOURCE(S): MARPAT 120:298625
 GI



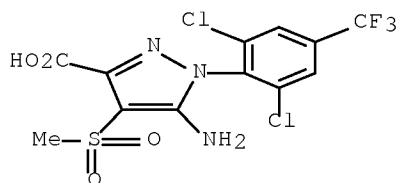
AB Title compds. [I; R¹ = cyano, nitro, halo, acetyl, formyl, (halo)alkyl, etc.; R² = R'SO₂, R'SO, R'S, halo, cyano, nitro, cycloalkyl, alkenyl, thiocyanato, sulfamoyl, carbamoyl, alkoxy carbonyl, alkanoyl, (halo)alkyl; R' = (substituted) alkyl, alkenyl, alkynyl; R³ = H, (substituted) amino, alkoxy carbonyl, alkoxy methyleneamino, halo, cycloalkyl, cycloalkyl carbonyl, alkylsulfenylamino, trialkylsilylmethyl, etc.; R⁴-R⁸ = H, halo, nitro, cyano, (halo-substituted) alkyl, alkoxy, alkylthio, alkylsulfinyl, alkylsulfonyl], were prepared. Thus, fuming nitric acid was added dropwise to 5-acetamido-3-bromo-1-(2,6-dichloro-4-trifluoromethylphenyl)pyrazole and acetic anhydride in acetic acid; the mixture was stirred at 60° for 5 h to give 5-acetamido-3-bromo-1-(2,6-dichloro-4-trifluoromethylphenyl)-4-nitropyrazole. Several I were effective against *Plutella xylostella* larvae, all stages of *Megoura viciae*, and *Spodoptera littoralis* larvae.

IT 111245-75-1P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation and reaction of, as intermediate for phenylpyrazole arthropodicide, nematocide, and anthelmintic)

RN 111245-75-1 CAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-(methylsulfonyl)- (CA INDEX NAME)

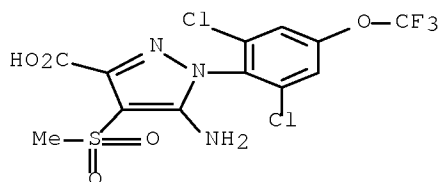


IT 120069-05-8P 154807-35-9P

RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of, as intermediate for arthropodicide, nematocide, and anthelmintic)

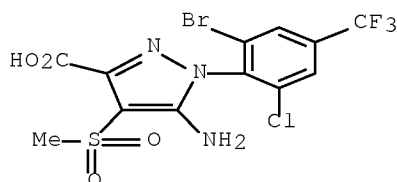
RN 120069-05-8 CAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 5-amino-1-[2,6-dichloro-4-(trifluoromethoxy)phenyl]-4-(methylsulfonyl)- (CA INDEX NAME)



RN 154807-35-9 CAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 5-amino-1-[2-bromo-6-chloro-4-(trifluoromethyl)phenyl]-4-(methylsulfonyl)- (CA INDEX NAME)



L21 ANSWER 6 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 1990:35845 CAPLUS Full-text

DOCUMENT NUMBER: 112:35845

ORIGINAL REFERENCE NO.: 112:6205a,6208a

TITLE: N-phenylpyrazole derivatives as pesticides for plants, animals, and man, and their preparation, compositions, and use

INVENTOR(S): Buntain, Ian George; Hatton, Leslie Roy; Hawkins, David William; Pearson, Christopher John; Roberts, David Alan

PATENT ASSIGNEE(S): May and Baker Ltd., UK

SOURCE: Eur. Pat. Appl., 40 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 4

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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EP 295117	A1	19881214	EP 1988-305306	19880610
EP 295117	B1	20000405		
R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE				
IL 86492	A	19930708	IL 1988-86492	19880525
IL 105138	A	19940826	IL 1988-105138	19880525
DK 8803140	A	19881213	DK 1988-3140	19880609
DK 175070	B1	20040524		
FI 8802735	A	19881213	FI 1988-2735	19880609
FI 100329	B	19971114		

10/584,489

June 18, 2008

FI 100329	B1	19971114		
NO 8802551	A	19881213	NO 1988-2551	19880609
NO 175367	B	19940627		
NO 175367	C	19941005		
AU 8817554	A	19881215	AU 1988-17554	19880609
AU 618266	B2	19911219		
RO 100612	B1	19920707	RO 1988-133912	19880609
RO 106496	B1	19930531	RO 1988-144353	19880609
JP 63316771	A	19881226	JP 1988-143451	19880610
ZA 8804179	A	19890222	ZA 1988-4179	19880610
HU 48875	A2	19890728	HU 1988-3009	19880610
HU 203729	B	19910930		
PL 153478	B1	19910430	PL 1988-272998	19880610
CA 1330089	C	19940607	CA 1988-569272	19880610
HU 210668	B	19950628	HU 1991-1577	19880610
SK 278972	B6	19980506	SK 1988-4052	19880610
CZ 285151	B6	19990512	CZ 1988-4052	19880610
EP 967206	A1	19991229	EP 1999-113797	19880610
EP 967206	B1	20051019		

R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE

AT 191479	T	20000415	AT 1988-305306	19880610
ES 2144390	T3	20000616	ES 1988-305306	19880610
AT 307118	T	20051115	AT 1999-113797	19880610
ES 2251806	T3	20060501	ES 1999-113797	19880610
CN 88103601	A	19881228	CN 1988-103601	19880611
CN 1027341	B	19950111		
KR 9701475	B1	19970206	KR 1988-7045	19880611
BR 8803258	A	19890131	BR 1988-3258	19880613
DD 281744	A5	19900822	DD 1988-316723	19880613
DD 281744	B5	19970220		
RU 2051909	C1	19960110	RU 1991-4894762	19910315
FI 9501839	A	19950418	FI 1995-1839	19950418
FI 114153	B1	20040831		
HK 1005289	A1	20010209	HK 1998-102258	19980318
HK 1021820	A1	20060602	HK 2000-100317	19980318
GR 3033663	T3	20001031	GR 2000-401350	20000614
DK 2002001527	A	20021010	DK 2002-1527	20021010
DK 175878	B1	20050517		

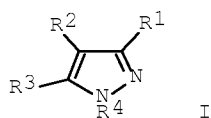
PRIORITY APPLN. INFO.:

GB 1987-13768	A	19870612
IL 1988-86492	A	19880525
DK 1988-3140	L	19880609
FI 1988-2735	A	19880609
EP 1988-305306	A3	19880610
HU 1988-3009	A	19880610
HK 1998-102258	A	19980318

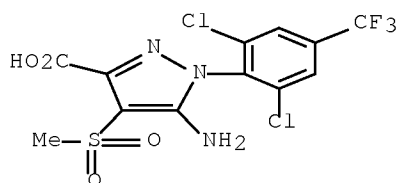
OTHER SOURCE(S):

MARPAT 112:35845

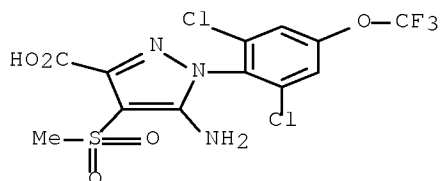
GI



- AB The title compds. [I; R1 = cyano, NO₂, halo, Ac, CHO; R2 = R₅S(O)_n where n = 0, 1, or 2; R₅ = (≤1 halo-substituted) straight- or branched-chain ≥4 alkyl, alkenyl, or alkynyl; R₃ = H, NR₆R₇, halo, straight- or branched-chain C2-5 alkoxyethyleneamino (un)substituted on methylene by a straight- or branched-chain C1-4 alkyl; R₆, R₇ = H, straight- or branched-chain ≤5 alkyl, alkenylalkyl, or alkynylalkyl, CHO, (≤1 halo-substituted) straight- or branched-chain C2-5 alkanoyl or alkoxy-carbonyl, or NR₆R₇ = 5- or 6-membered cyclic imido; R₄ = 2- or 6-halo- or 4-straight- or branched-chain (Cl- or Br-substituted) alkyl- or alkoxy-substituted phenyl; with the exclusion of the compound wherein R1 = cyano, R2 = MeSO₂, R3 = NH₂ and R4 = 2,6,4-Cl₂(CF₃)C₆H₂], useful for control of arthropod, plant nematode, helminth and protozoan pests (no data except insects), were prepared A stirred solution of 20 g 5-amino-3-cyano-1-(2,6-dichloro-4- trifluoromethylphenyl)pyrazole in CH₂Cl₂ was treated dropwise with a solution of 10.8 g CF₃SCl in CH₂Cl₂ during 1 h. The resulting solution was stirred overnight at room temperature to give 24.2 g 5-amino-3-cyano-1-(2,6-dichloro-4- trifluoromethylphenyl)-4-trifluoromethylthiopyrazole (II). I at <500 ppm caused at least 65% mortality against *Plutella xylostella* larvae. A water-soluble concentrate was formulated from II 7, Ethylan BCP 10% w/v and N-methylpyrrolidone 1004 by volume
- IT 111245-75-1F 120069-05-8F
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation and reaction of, in preparation of phenylpyrazole pesticides)
- RN 111245-75-1 CAPLUS
- CN 1H-Pyrazole-3-carboxylic acid, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-(methylsulfonyl)- (CA INDEX NAME)

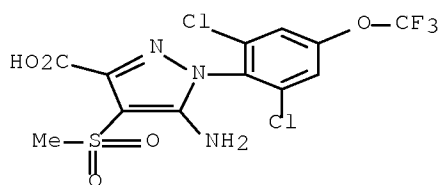


- RN 120069-05-8 CAPLUS
- CN 1H-Pyrazole-3-carboxylic acid, 5-amino-1-[2,6-dichloro-4-(trifluoromethoxy)phenyl]-4-(methylsulfonyl)- (CA INDEX NAME)



- IT 120069-05-8
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (reaction of, in preparation of phenylpyrazole pesticide)
- RN 120069-05-8 CAPLUS
- CN 1H-Pyrazole-3-carboxylic acid, 5-amino-1-[2,6-dichloro-4-

(trifluoromethoxy)phenyl]-4-(methylsulfonyl)- (CA INDEX NAME)



L21 ANSWER 7 OF 7 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 1987:613615 CAPLUS Full-text

DOCUMENT NUMBER: 107:213615

ORIGINAL REFERENCE NO.: 107:34179a,34182a

TITLE: Preparation of N-phenylpyrazoles as insecticides, nematocides, acaricides, and anthelmintics

INVENTOR(S): Hatton, Leslie Roy; Hawkins, David William; Parnell, Edgar William; Pearson, Christopher John; Roberts, David Alan

PATENT ASSIGNEE(S): May and Baker Ltd., UK

SOURCE: PCT Int. Appl., 191 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

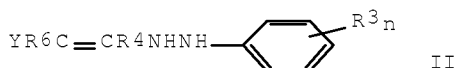
LANGUAGE: English

FAMILY ACC. NUM. COUNT: 4

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 8703781	A1	19870702	WO 1986-GB781	19861219
W: BR				
CA 1311242	C	19921208	CA 1986-525574	19861217
DK 8606139	A	19870621	DK 1986-6139	19861218
DK 175129	B1	20040607		
FI 8605195	A	19870621	FI 1986-5195	19861218
FI 93445	B	19941230		
FI 93445	C	19950410		
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EP 234119	B1	19940824		
R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE				
JP 62228065	A	19871006	JP 1986-303598	19861219
JP 07062000	B	19950705		
HU 45022	A2	19880530	HU 1986-5365	19861219
HU 203083	B	19910528		
BR 8607230	A	19881206	BR 1986-7230	19861219

EP 579280	A1	19940119	EP 1993-115360	19861219
EP 579280	B1	19960228		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
ES 2058063	T3	19941101	ES 1986-309981	19861219
AT 134476	T	19960315	AT 1993-115360	19861219
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RU 2080789	C1	19970610	RU 1987-4203558	19871027
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PRIORITY APPLN. INFO.:			GB 1985-31485	A 19851220
			WO 1986-GB781	A 19861219
OTHER SOURCE(S):	MARPAT 107:213615			
GI				



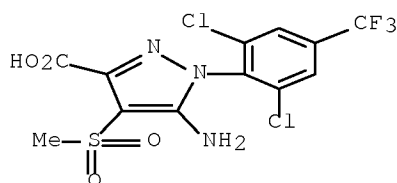
AB The phenylpyrazoles I (Y = halo, CN, NO₂, RSO₂, RSO, RS; R = C1-6 alkyl, haloalkyl, C3-5 cycloalkyl, C2-8 alkenyl, etc.; Z = Z = H, NR₁R₂, alkylsulfenylamino, alkoxyethyleneamino, etc.; R₁, R₂ = H, alkyl, alkoxy, alkylthio, alkylsulfinyl, NO₂, CN, etc.; R₄ = halo, CN, NO₂, alkyl, etc.; n = 1-5) and I salts are prepared as pesticides. 2-Chloro-1,1-dicyano-2-trifluoromethylethylene in Et₂O was added to 2,6-dichloro-4-trifluoromethylphenylhydrazine (preparation given) in Et₂O in the presence of K₂CO₃ to give 5-amino-4-cyano-1-(2,6-dichloro-4-trifluoromethylphenyl)-3-trifluoromethylpyrazole (III). Exposure to turnip leaves treated with 500 ppm III was lethal to 2nd instar *Plutella xylostella* larvae. A dusting powder was made of 10% IV and 90% talc.

IT 111245-75-1P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and reaction of, with thionyl chloride)

RN 111245-75-1 CAPLUS

CN 1H-Pyrazole-3-carboxylic acid, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-(methylsulfonyl)- (CA INDEX NAME)



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(FILE 'HOME' ENTERED AT 09:13:09 ON 18 JUN 2008)

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L3 99 SEA SSS FUL L1

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L4 33 SEA ABB=ON PLU=ON L3

FILE 'REGISTRY' ENTERED AT 09:16:48 ON 18 JUN 2008
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D QUE L20

FILE 'CAPLUS, WPIX' ENTERED AT 09:43:02 ON 18 JUN 2008
L21 7 DUP REM L17 L20 (2 DUPLICATES REMOVED)
ANSWERS '1-7' FROM FILE CAPLUS
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